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FIG.1

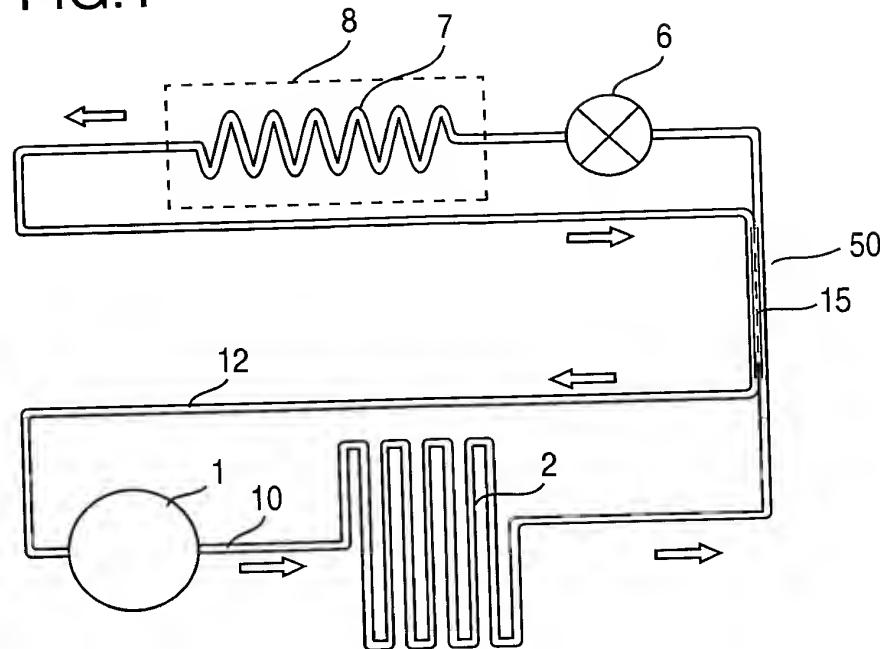


FIG.2A

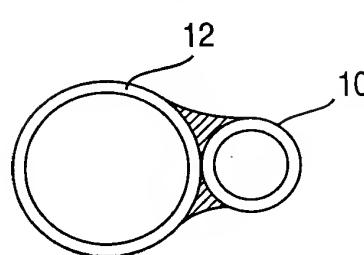
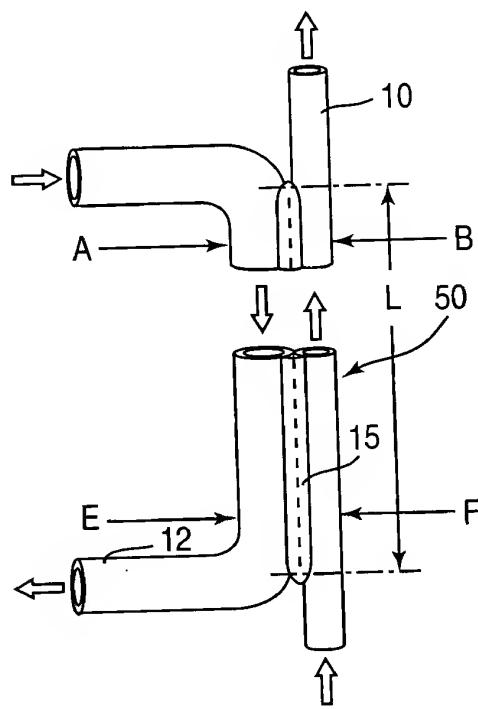


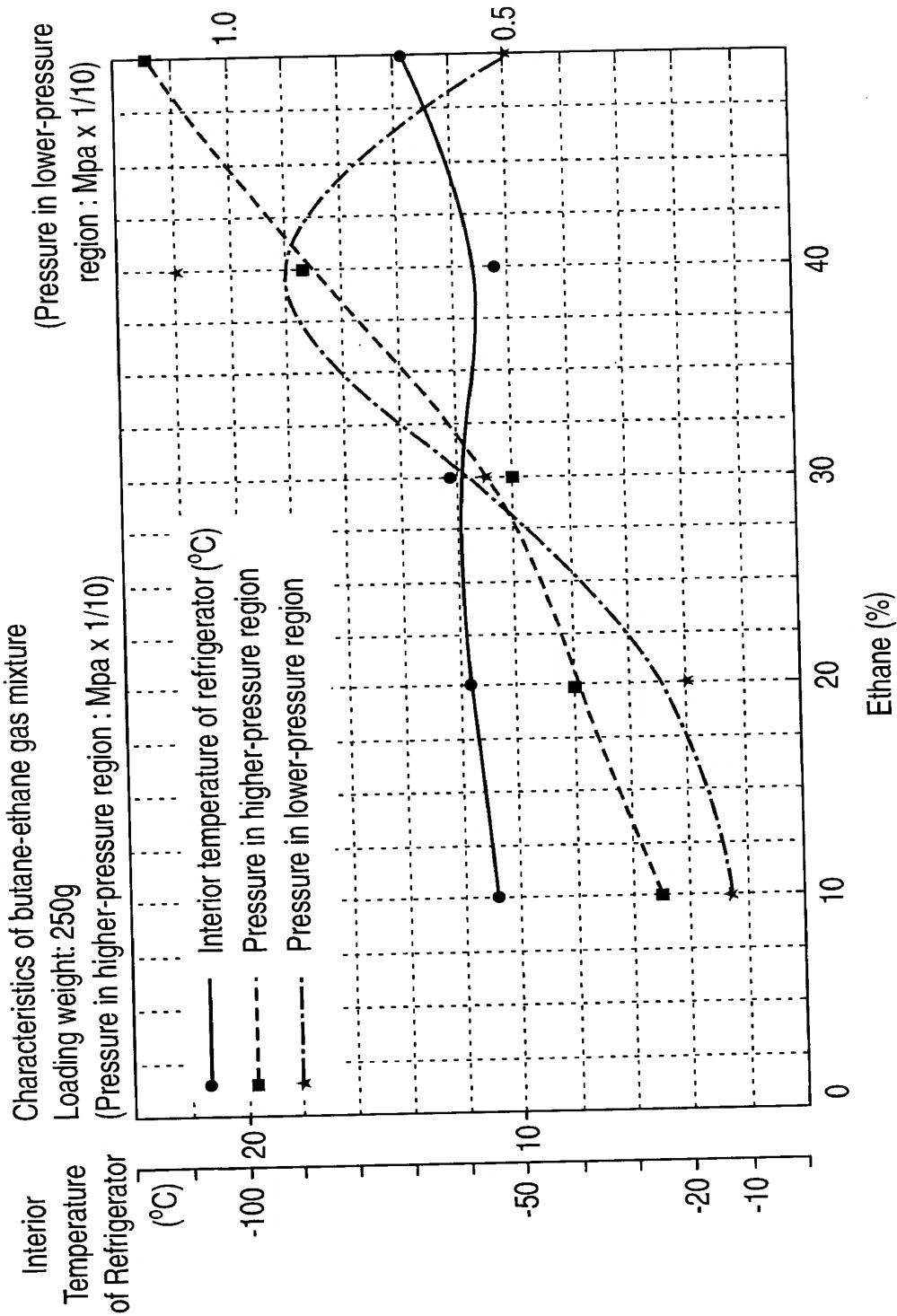
FIG.2B



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FIG.3

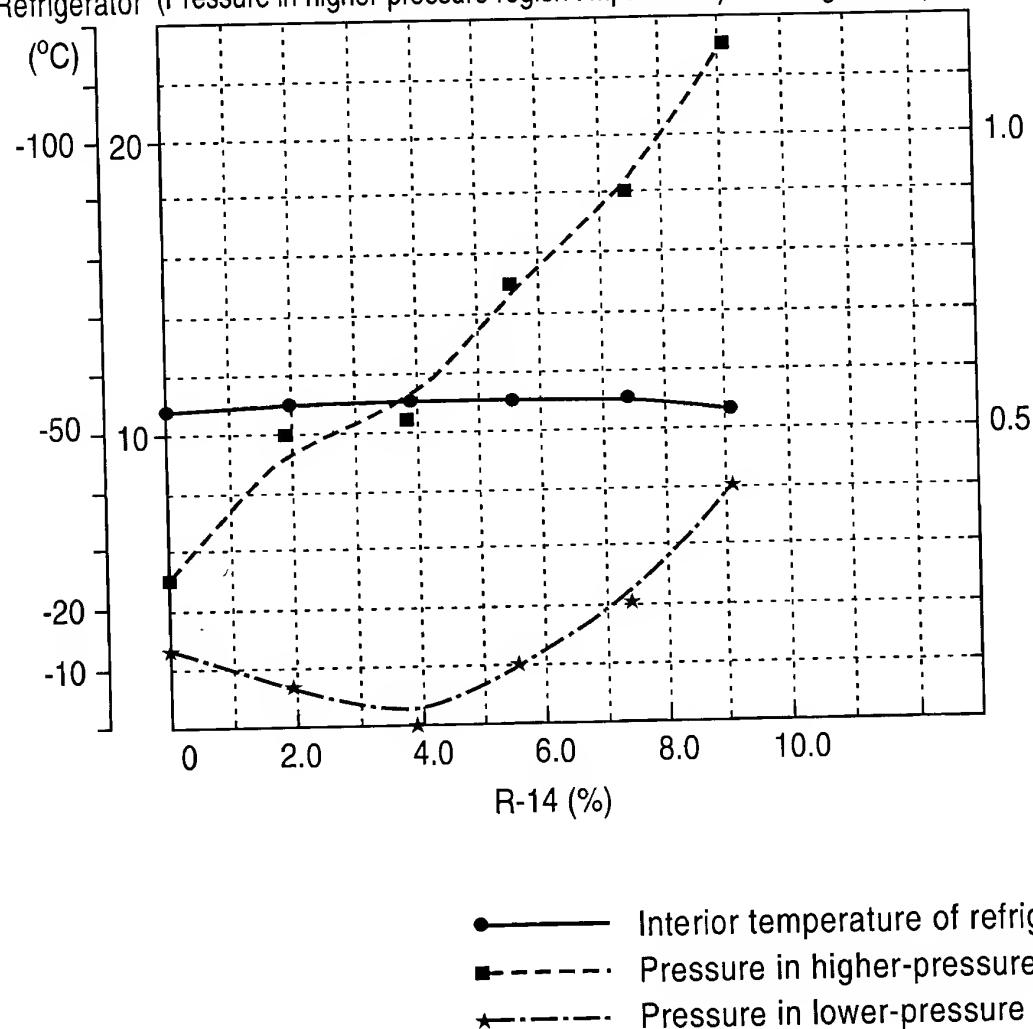


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FIG.4

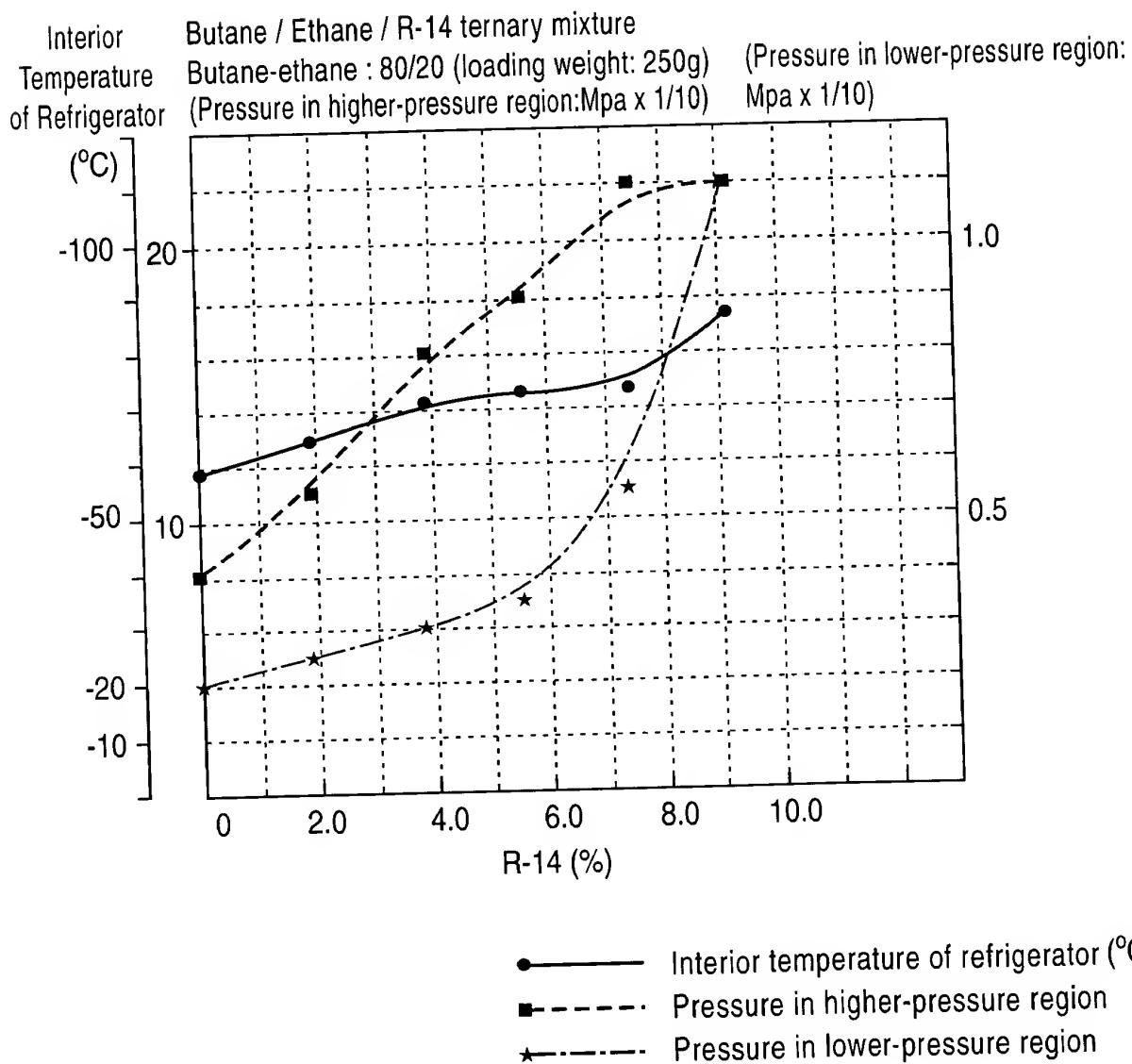
Interior Butane / Ethane / R-14 ternary mixture
Temperature Butane-ethane : 90/10 (loading weight : 250g)
of Refrigerator (Pressure in higher-pressure region : Mpa x 1/10)
(Pressure in lower-pressure region : Mpa x 1/10)



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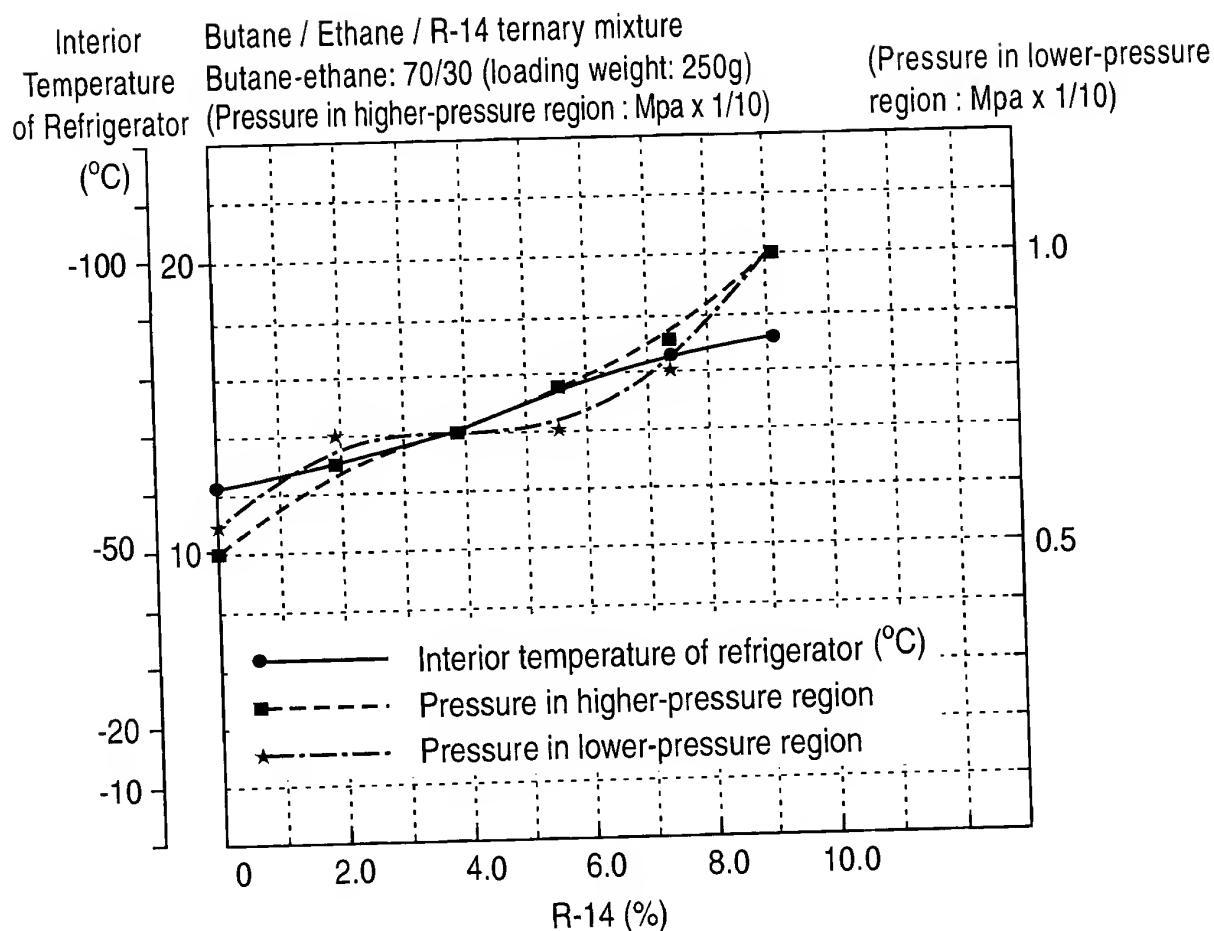
FIG.5



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FIG.6

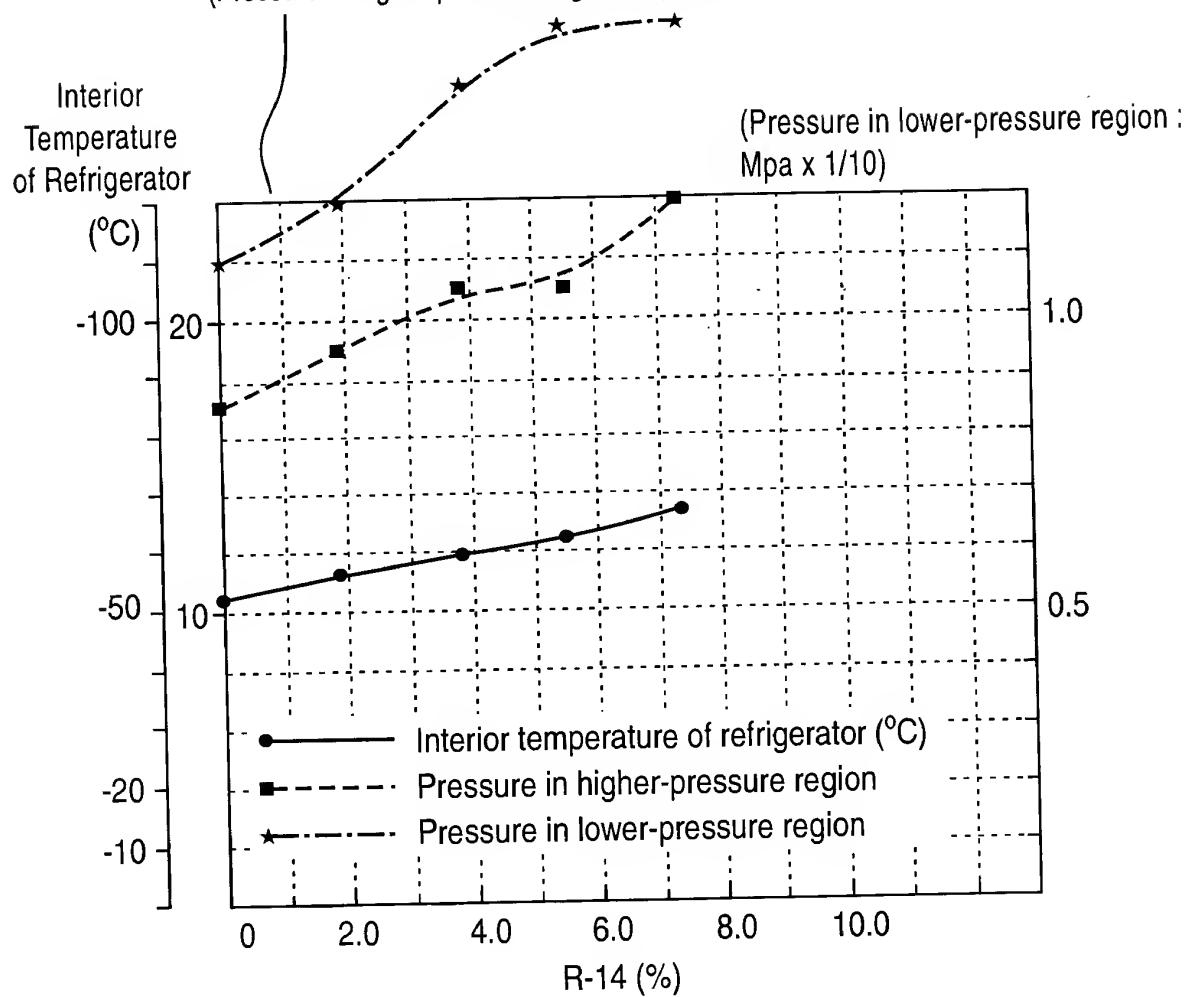


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FIG.7

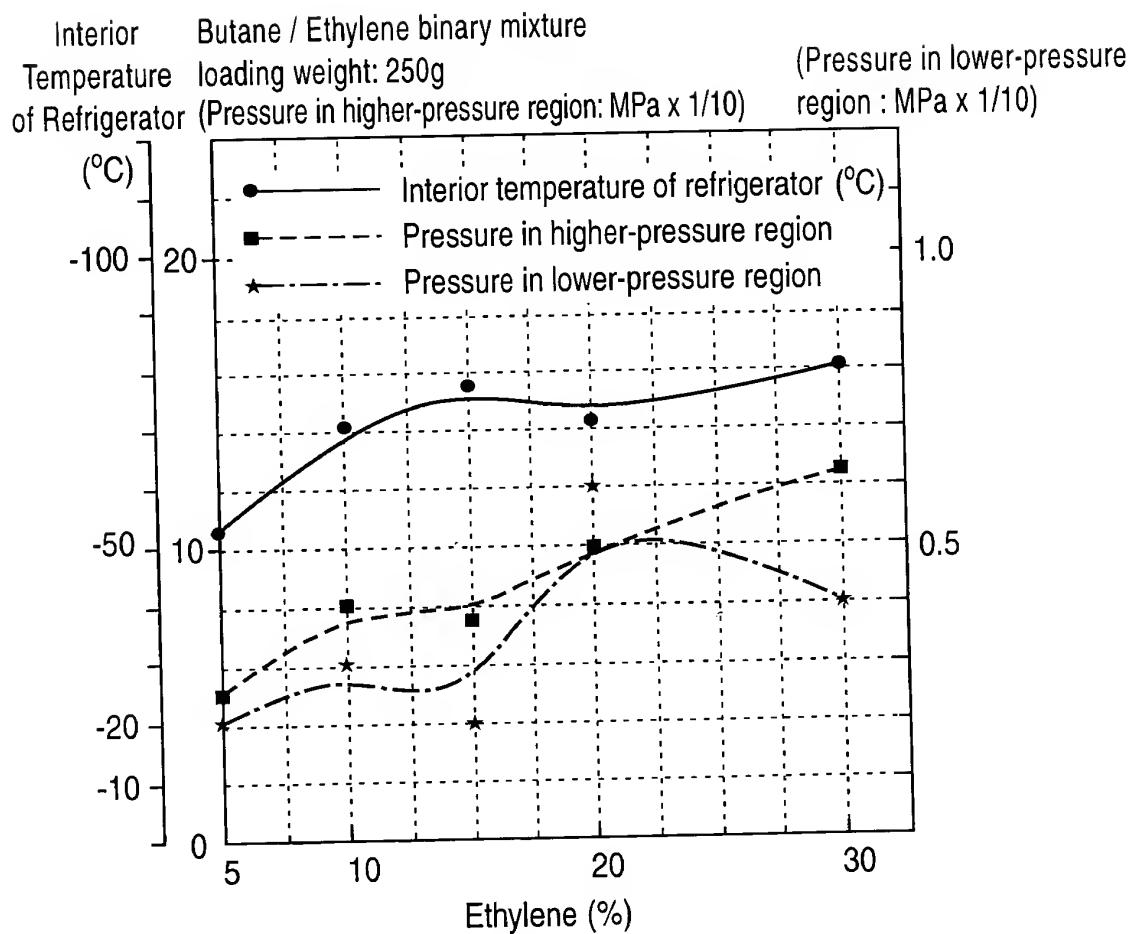
Butane / Ethane / R-14 ternary mixture
Butane-ethane: 60/40 (loading weight: 250g)
(Pressure in higher-pressure region : Mpa x 1/10)



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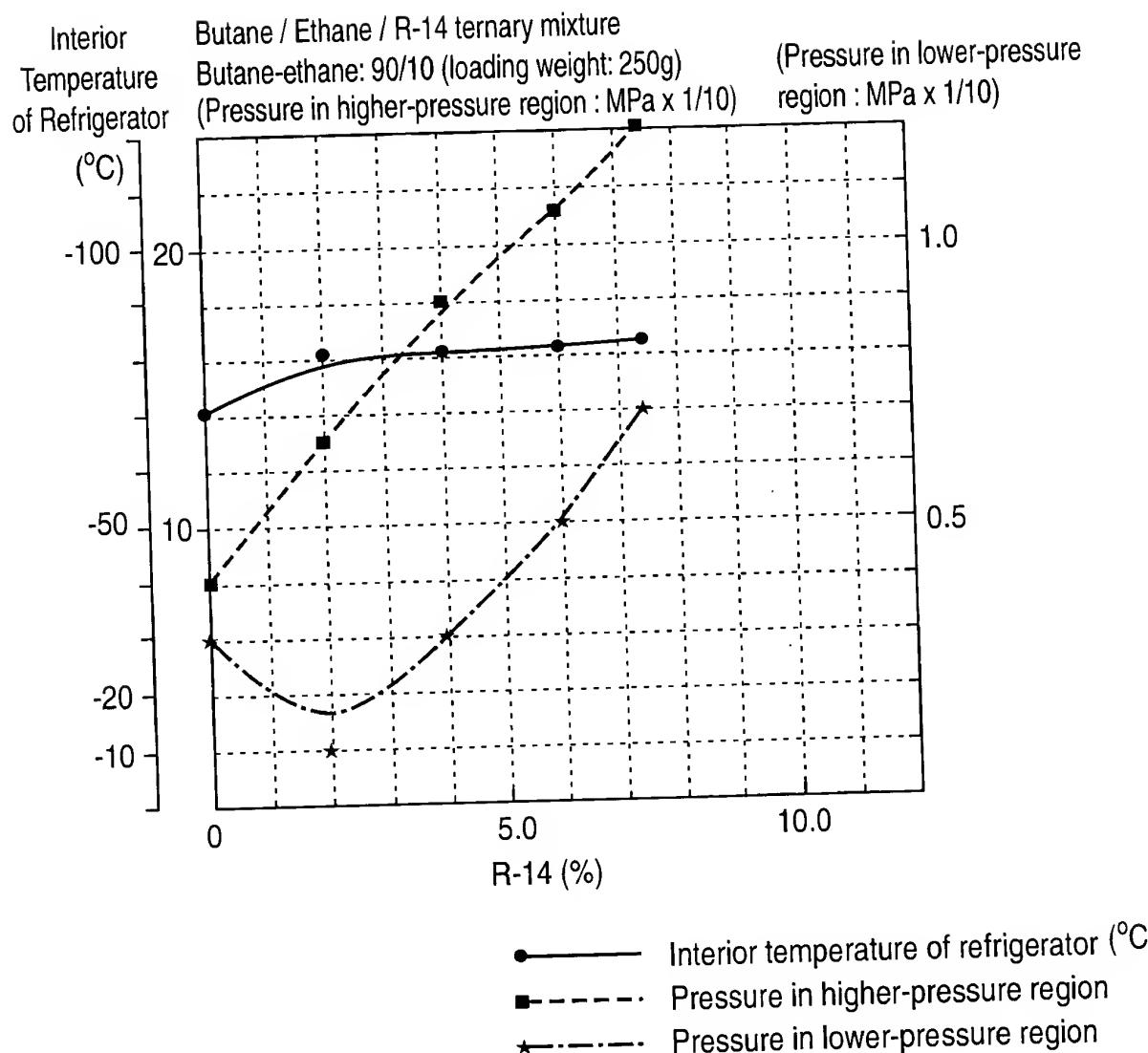
FIG.8



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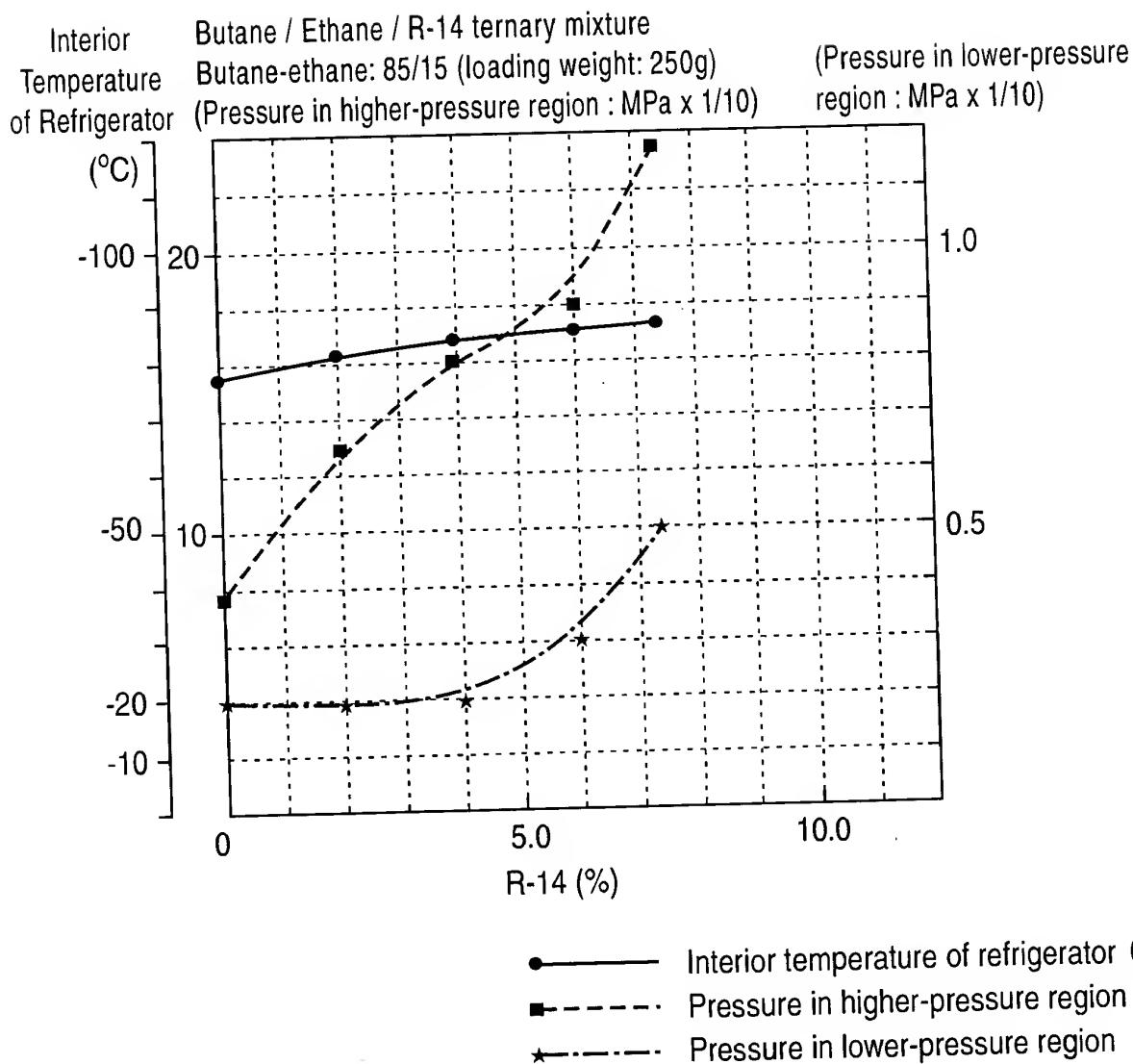
FIG.9



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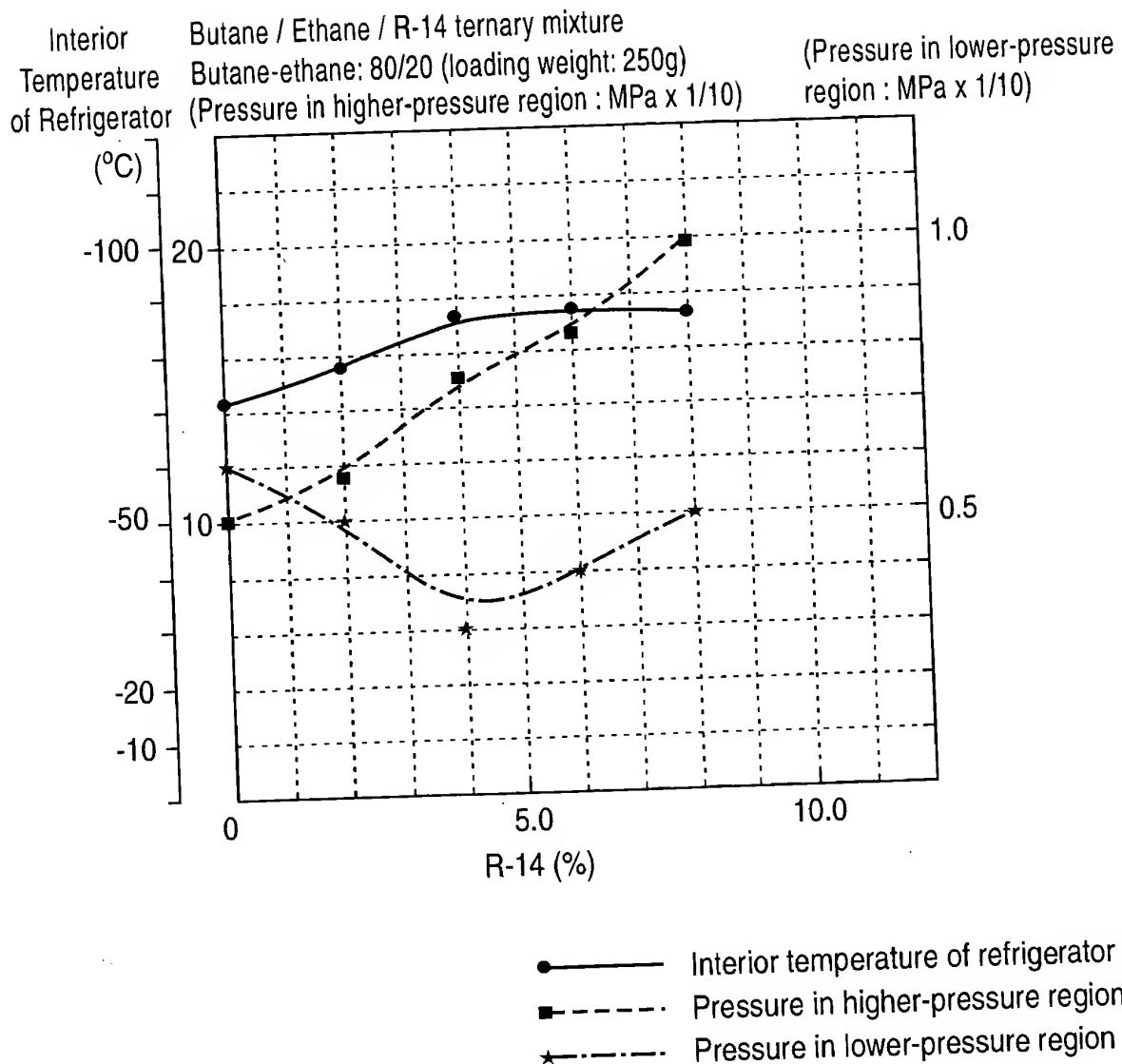
FIG.10



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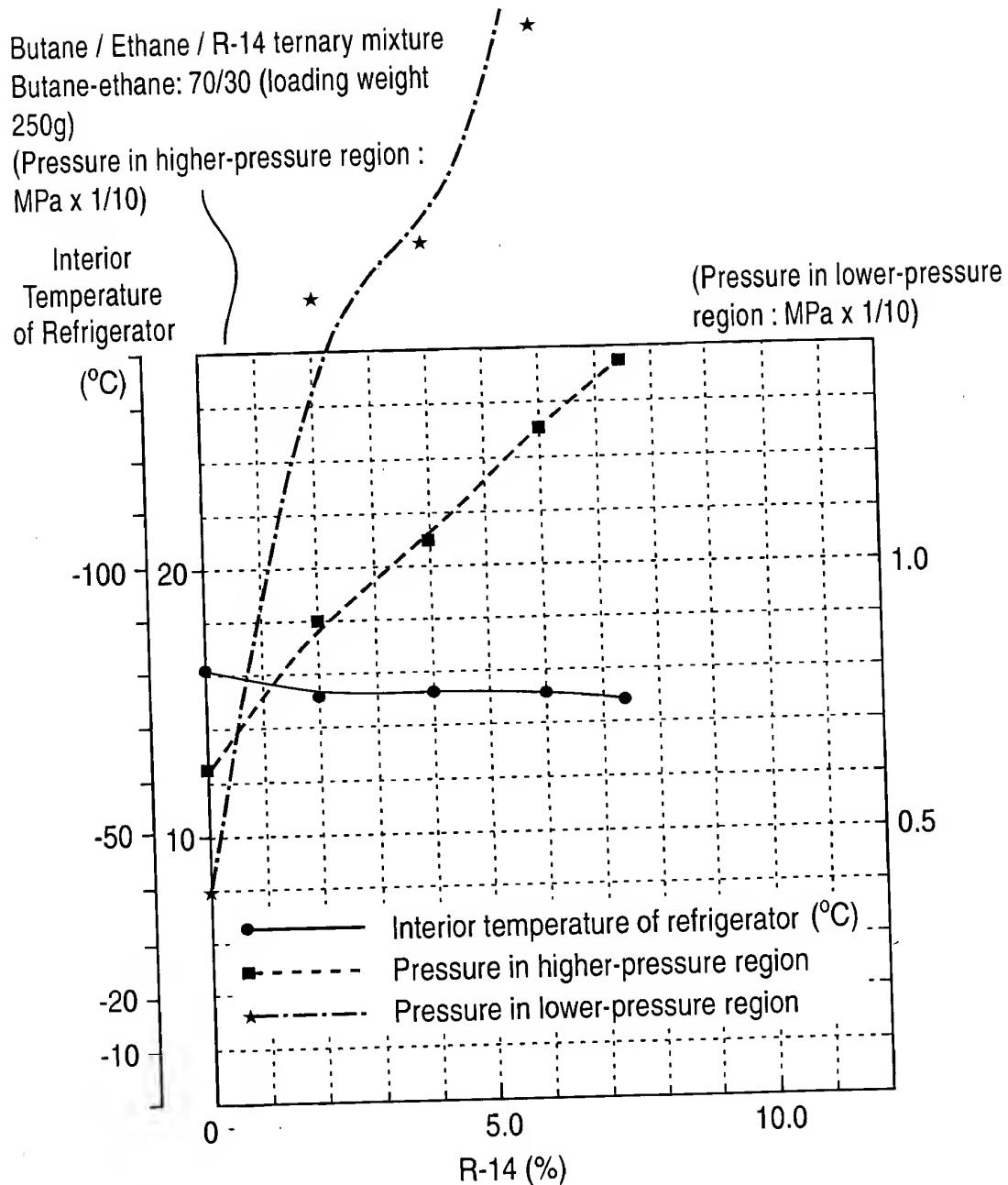
FIG.11



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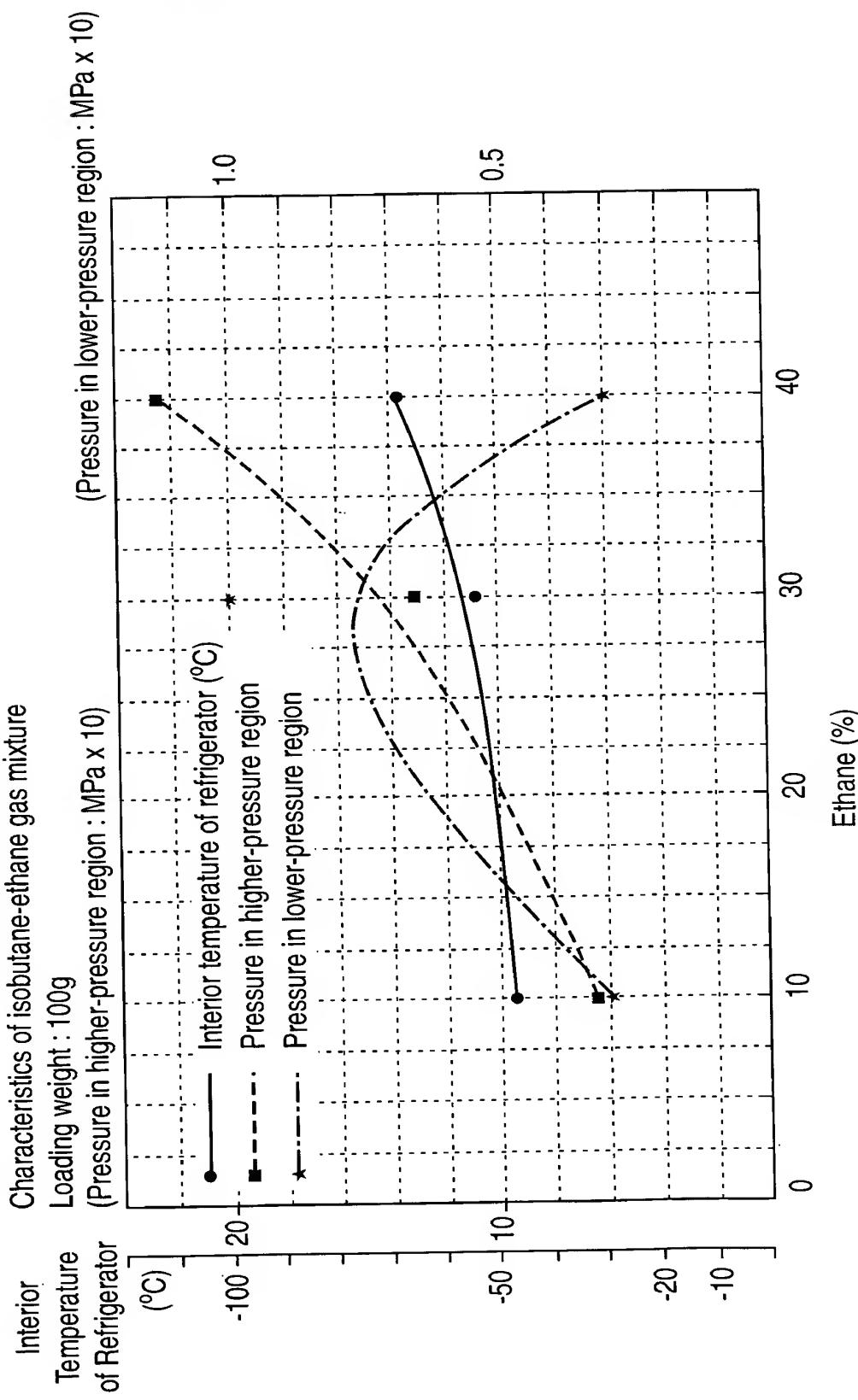
FIG.12



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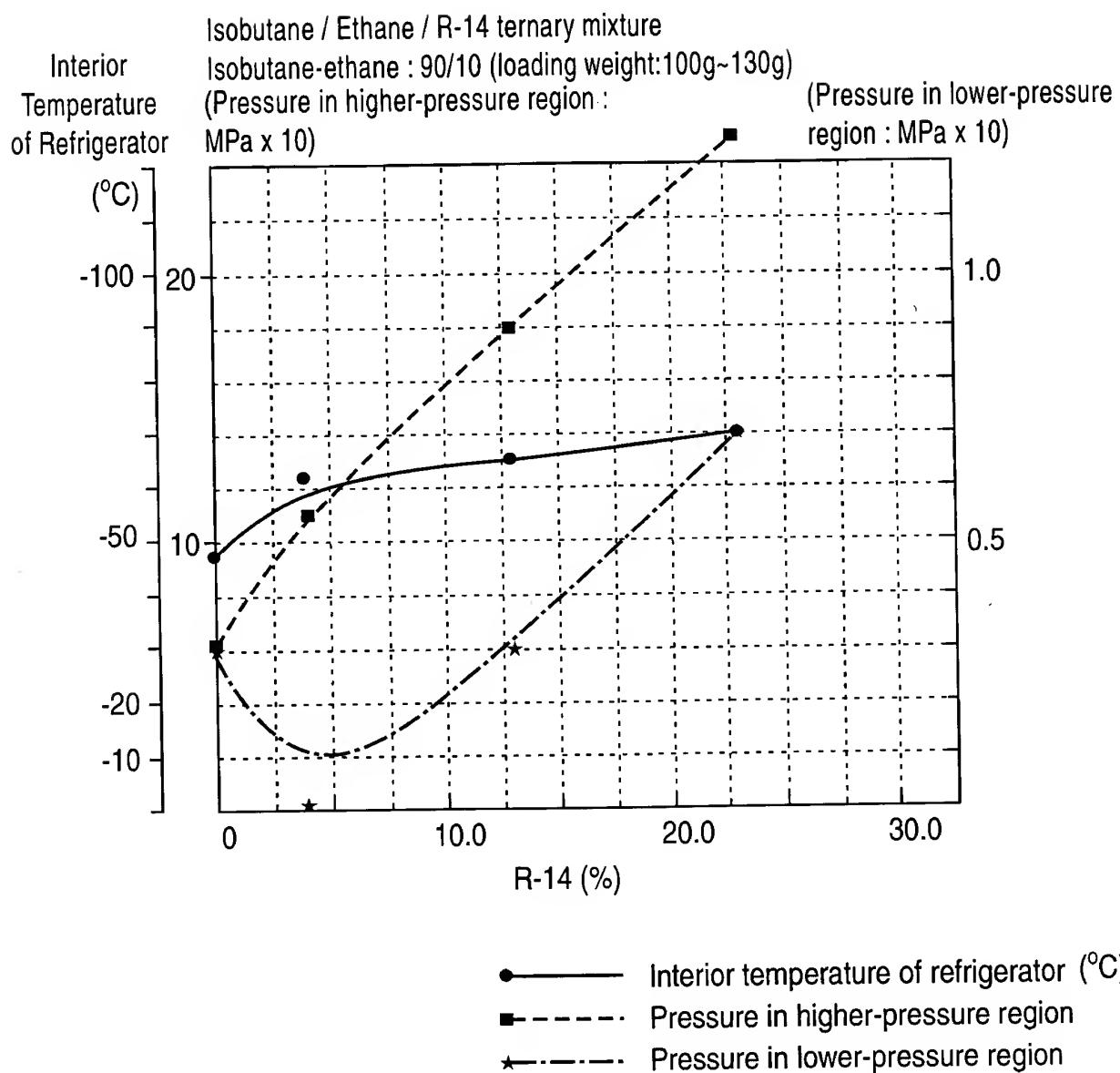
FIG. 13



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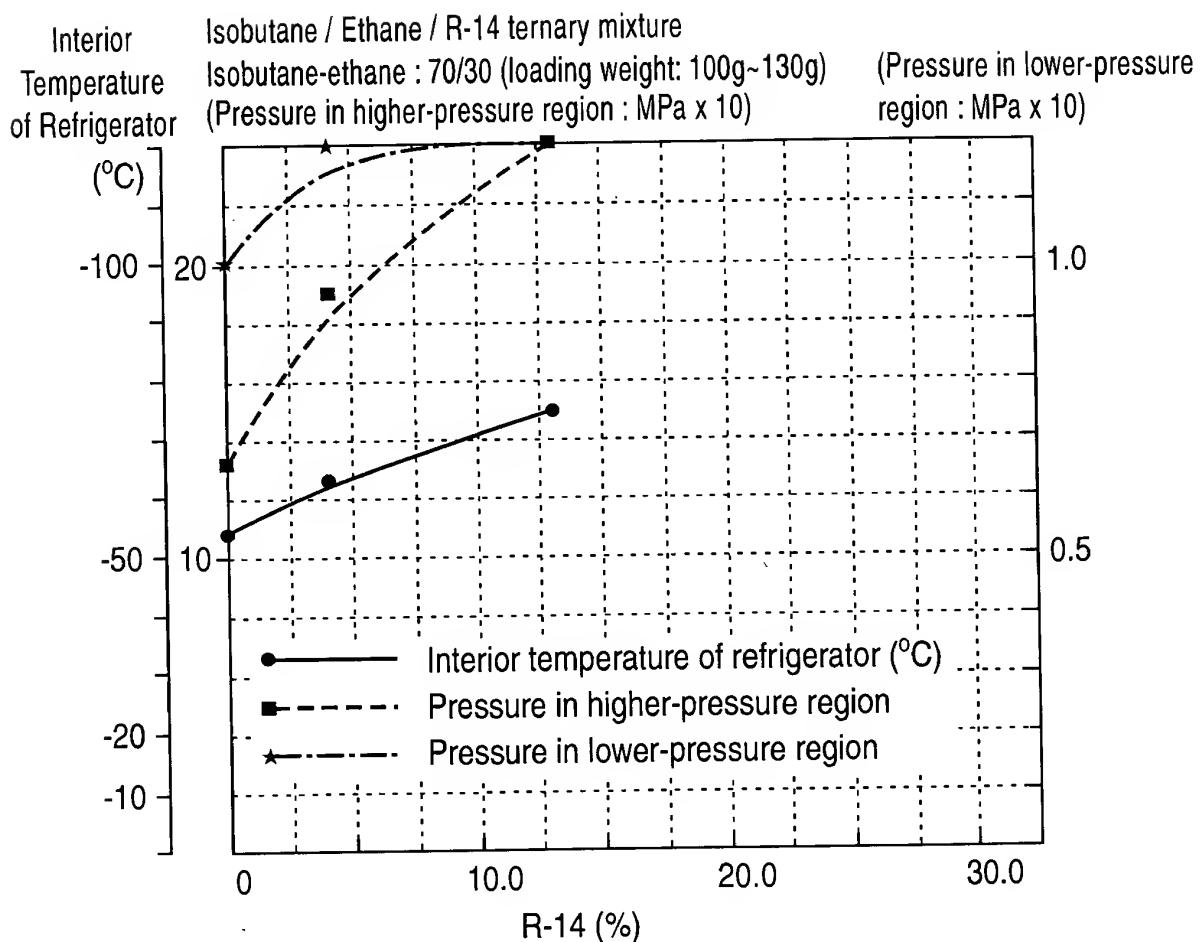
FIG.14



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FIG.15

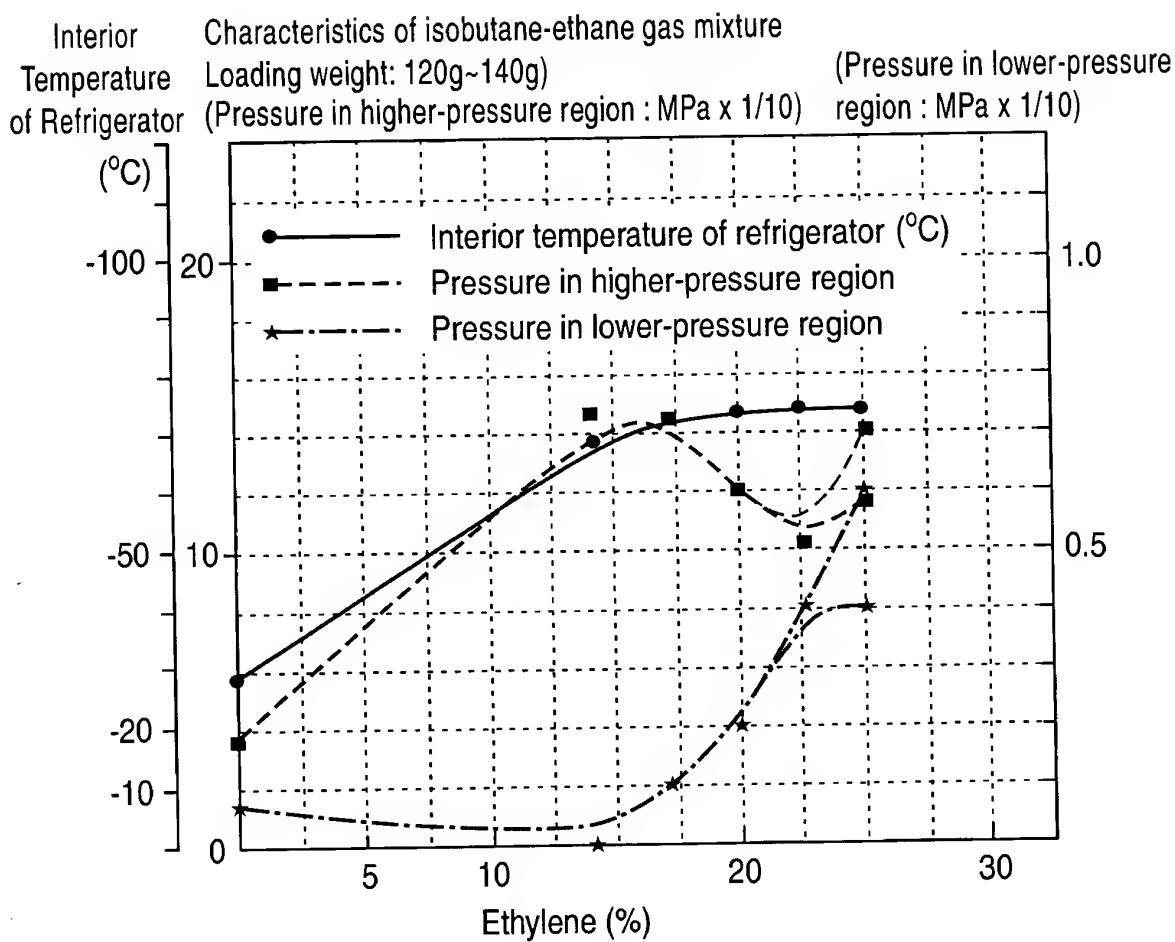


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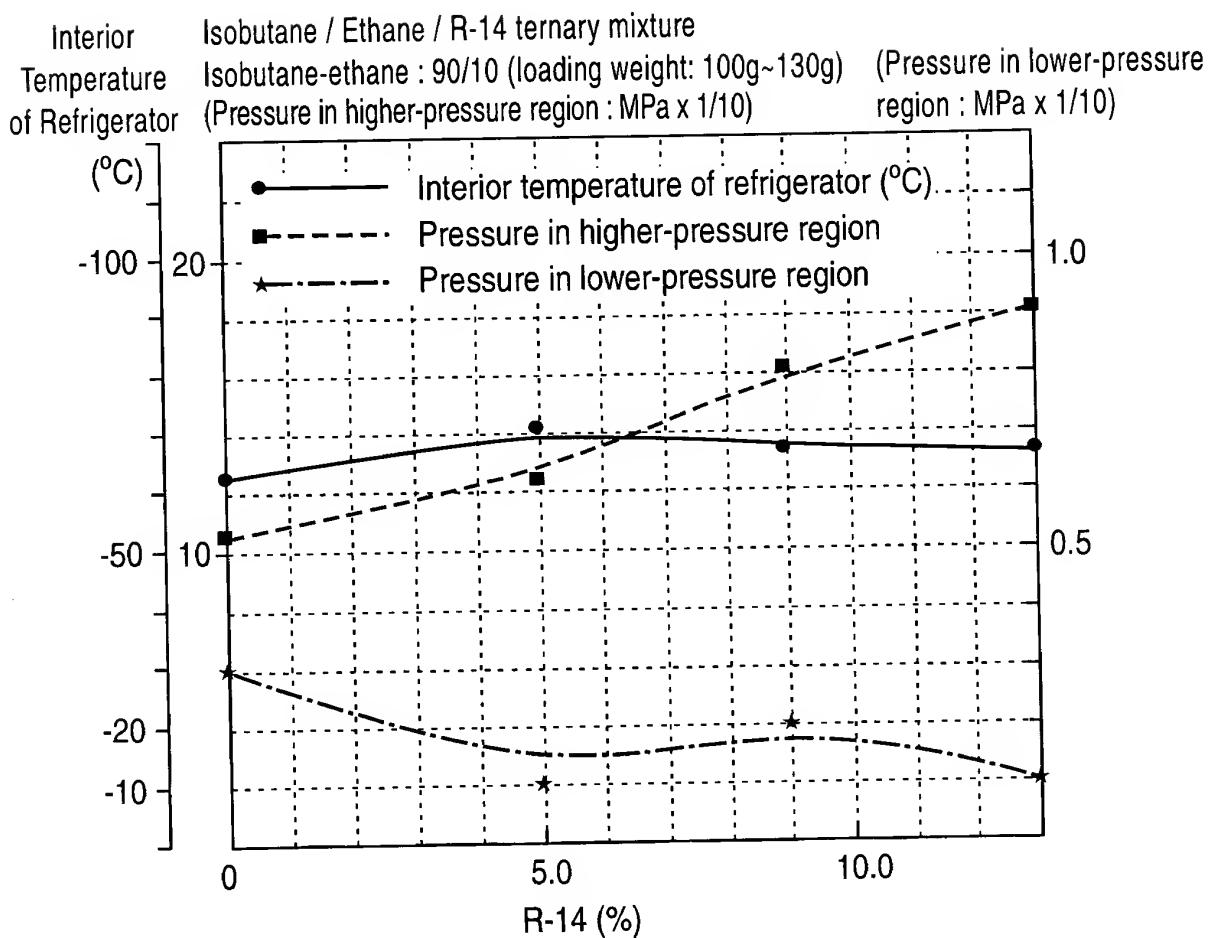
FIG.16



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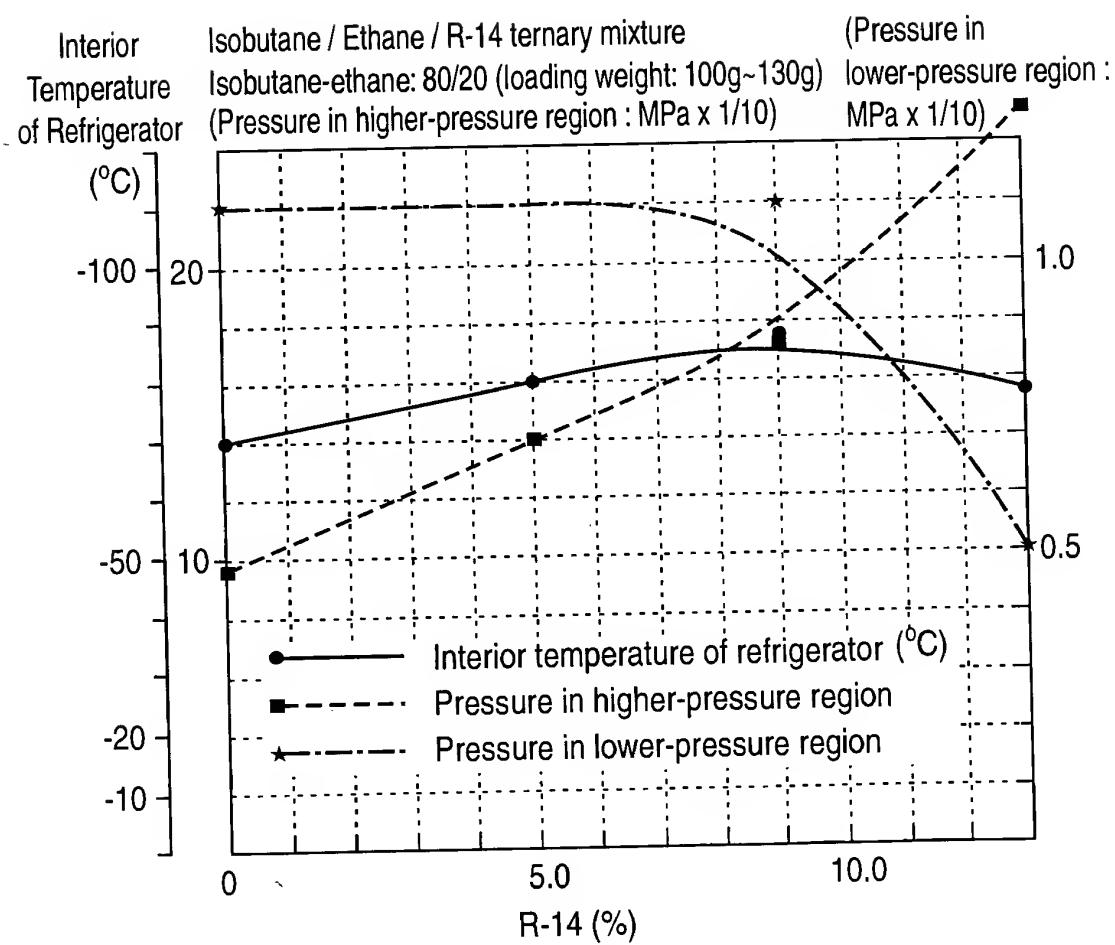
FIG.17



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FIG.18

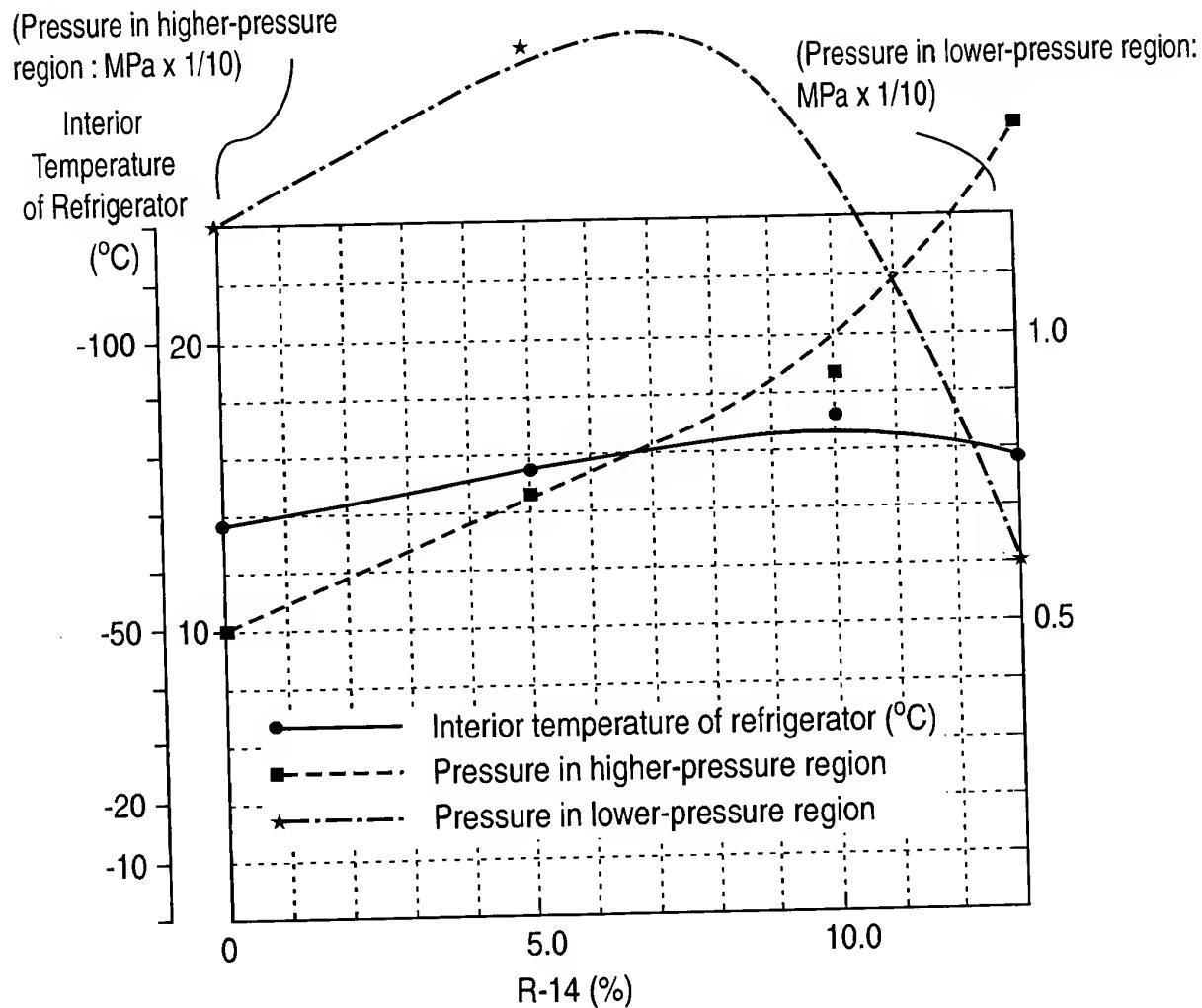


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FIG.19

Isobutane / Ethane / R-14 ternary mixture
Isobutane-ethane : 70/30 (loading weight: 100g~130g)



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ANSWER QUESTIONS

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FIG.20

Gas and liquid phase diagram of non-azeotropic refrigerant mixture

